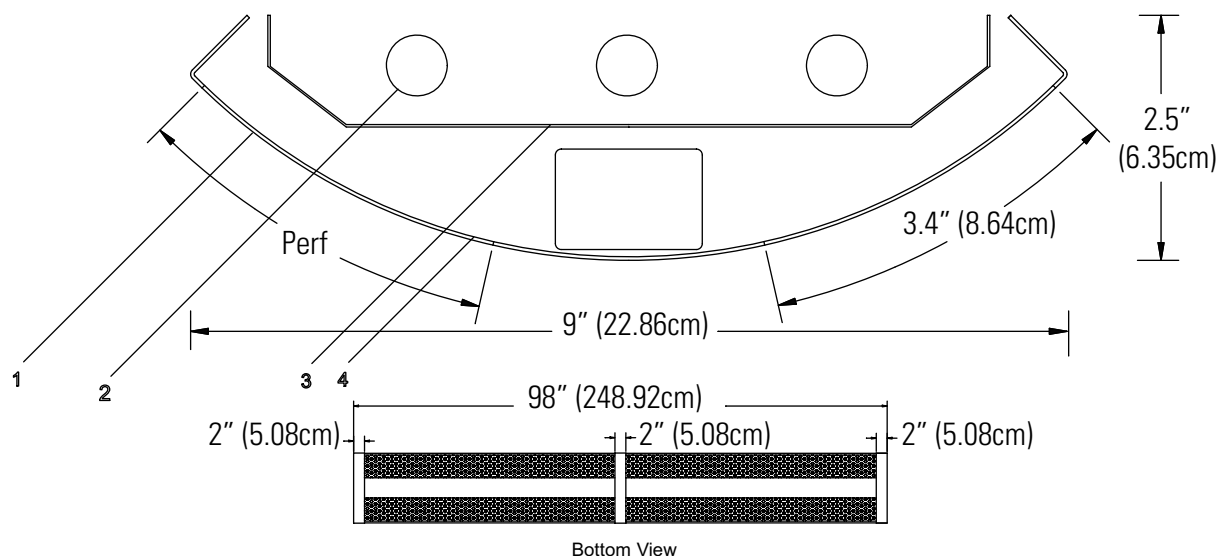




Module Ordering Information

Style	Series	Type	Lamps	Length	Ballast	Options
LP	1	B				
			3T5 = 3-F28T5 3HO = 3-F54T5	4 = 4-Foot 8 = 8-Foot 12 = 12-Foot	U = Universal Voltage E = Emergency Pack D1 = Dimming 120v D2 = Dimming 277v	Blank = No Options DS = A-B Switch X4 = 4 Wire for Dimming & Switched Emergency

Complete ordering instructions below.

Features

- Housing:** 18 gauge perforated steel with 41% open hole pattern. Holes are 1/16" (0.16cm) diameter on 3/32" (0.24cm) centers. Die-formed steel end cap with concealed access holes for through wiring. No exposed fasteners or hardware.
- Lamping:** Three T5 28 or 54 watt (as specified) fluorescent lamps per 4-foot section. Lamps provided by others.
- Reflector:** Precision die-formed specular aluminum.
- Diffuser:** Opal acrylic diffuser.

Electrical

Ballast is universal voltage, <10% THD, .88 ballast factor, instant start. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting consult factory. Cord is 18/3 SJT. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming: 120/277 VAC, 4 wire feed required.

Emergency Battery Pack: 28 watt: 520 lumens @ 90 minutes.

54 watt: 700 lumens @ 90 minutes.

Mountings

Cable Suspension (not shown) - 4-1/2" (11.43cm) diameter flat canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm) without cutting. Overlap connector to provided 46" (116.84cm) of perforated and 2" (5.08cm) solid sections contiguously without the presence of hairline connections (see Bottom View drawing above).

Options

Dual Switching: Order the DS option for separate row switching. DS option automatically ships with the X4 option included.

4 Wire: Order X4 modules for remainder of the run when using dimming and/or switched emergency battery pack modules. Also, order the 4 Wire Cord Power Feed End Sets (LP1EC36X4) when using 4 Wire Modules.

Emergency Circuiting: Special circuiting - consult factory.

Ordering Information

Individual Fixtures:

- Order number of MODULES required.
- Order one POWER FEED END SET per MODULE.

Continuous Rows:

- Determine run length.
- Order the appropriate number of MODULES for the complete run.
- Order one POWER FEED END SET per run.
- Order one CABLE ASSEMBLY per MODULE minus one per run.
- For runs that exceed amperage limits, order the appropriate number of SINGLE CABLE & CORD FEEDS.

Finish

Powder coated baked white enamel. Custom colors available, consult factory.

Labels

UL, cUL and I.B.E.W.

Job Information

Type:

Job Name:

Cat. No.:

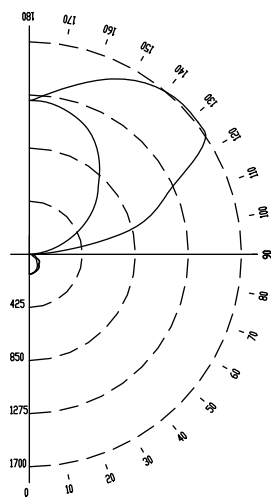
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Performance

CANDLEPOWER CURVE



REPORT NO: LRL 200-10L
CAT NO: LP1B3T54U
LAMPS: 3 F28T5
LUMENS: 2900
EFFICIENCY: 76.9%

ZONE DEG.	CANDLEPOWER				
	0	22	45	67	90
CANDELAS					
180	1231	1231	1231	1231	1231
175	1228	1238	1241	1275	1261
165	1184	1255	1310	1399	1401
155	1107	1249	1373	1548	1587
145	966	1187	1397	1663	1726
135	783	1074	1368	1717	1791
125	627	987	1374	1715	1667
115	425	863	1169	1258	1269
105	229	624	751	911	926
95	58	224	231	202	191
90	0	17	25	27	29
85	7	13	20	26	28
75	23	29	38	48	51
65	29	39	51	62	66
55	68	74	92	99	101
45	84	88	99	107	110
35	112	114	121	130	134
25	134	134	139	142	143
15	148	148	151	151	151
5	156	156	159	157	158
0	156	156	156	156	156

COEFFICIENTS OF UTILIZATION % EFFECTIVE CEILING CAVITY REFLECTANCE

		80			70			50		
		WALL REFLECTANCE								
		70	50	30	70	50	30	50	30	10
ROOM CAVITY RATIO	0	75	75	75	64	64	64	46	46	46
	1	68	65	62	58	56	54	40	38	37
	2	62	57	52	53	49	45	35	33	31
	3	56	50	44	48	43	39	31	28	26
	4	51	44	38	44	38	33	27	24	22
	5	47	39	33	40	34	29	24	21	19
	6	43	34	29	37	30	25	22	18	16
	7	40	31	25	34	27	22	19	16	14
	8	36	28	22	31	24	19	17	14	12
	9	34	25	20	29	22	17	16	13	11
	10	31	23	18	27	20	15	14	11	9

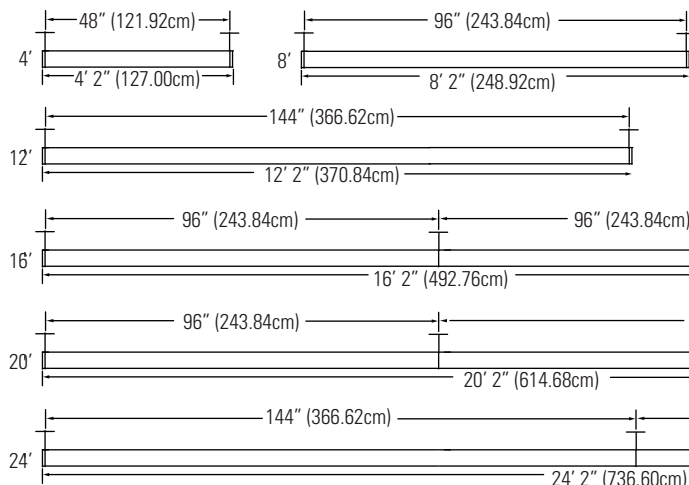
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	463	5.3	6.9
90-180	6231	71.6	93.1
0-180	6694	76.9	100.0

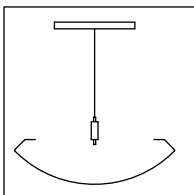
Calculations are for 28 watt T5 lamps, for 54 watt T5 lamps multiply by 1.7

Fixture Lengths & Mounting Locations



	4-Foot Module	8-Foot Module	12-Foot Module	End Set	Cable/ Joiner
4-Foot Run	1			1	
8-Foot Run		1		1	
12-Foot Run			1	1	
16-Foot Run		2		1	1
20-Foot Run		1	1	1	1
24-Foot Run			2	1	1

Mounting Accessories



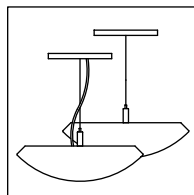
Cable/Joiner Assembly

Standard Cable Length is 36" (91.44cm)

Single Cable: **LP1C36**

Single Cable & Cord: **LP1CC36**

Single Cable & 4 Wire Cord: **LP1CC36X4**

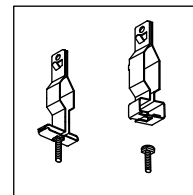


Power Feed End Set

Standard Cable Length is 36" (91.44cm)

Straight Cord: **LP1EC36** 4 Wire Cord*: **LP1EC36X4**

* use for dimming and/or emergency battery packs



Ceiling Grid Kit CGK

Includes both Standard 1" (2.54cm)

Tee Bar Clip & Slot Tee Clip

Job Information

Type:

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